



## SEQUENCE LISTING

<110> Cantor, Thomas L.

<120> METHODS, KITS AND ANTIBODIES FOR  
DETECTING PARATHYROID HORMONE

<130> 532212000623

<140> US 10/617,489

<141> 2003-07-10

<150> US 09/344,639

<151> 1999-06-26

<150> US 09/231,422

<151> 1999-01-14

<160> 7

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 84

<212> PRT

<213> Homo sapiens

<400> 1

Ser Val Ser Glu Ile Gln Leu Met His Asn Leu Gly Lys His Leu Asn  
1 5 10 15

Ser Met Glu Arg Val Glu Trp Leu Arg Lys Lys Leu Gln Asp Val His  
20 25 30

Asn Phe Val Ala Leu Gly Ala Pro Leu Ala Pro Arg Asp Ala Gly Ser  
35 40 45

Gln Arg Pro Arg Lys Lys Glu Asp Asn Val Leu Val Glu Ser His Glu  
50 55 60

Lys Ser Leu Gly Glu Ala Asp Lys Ala Asp Val Asn Val Leu Thr Lys  
65 70 75 80

Ala Lys Ser Gln

<210> 2

<211> 84

<212> PRT

<213> Rat

<400> 2

Ala Val Ser Glu Ile Gln Leu Met His Asn Leu Gly Lys His Leu Ala  
1 5 10 15

Ser Val Glu Arg Met Gln Trp Leu Arg Lys Lys Leu Gln Asp Val His  
20 25 30

Asn Phe Val Ser Leu Gly Val Gln Met Ala Ala Arg Glu Gly Ser Tyr  
35 40 45

Gln Arg Pro Thr Lys Lys Glu Asp Asn Val Leu Val Asp Gly Asn Ser  
50 55 60

Lys Ser Leu Gly Glu Gly Asp Lys Ala Asp Val Asp Val Leu Val Lys  
65 70 75 80

Ala Lys Ser Gln

<210> 3  
<211> 84  
<212> PRT  
<213> Mouse

<400> 3  
Ala Val Ser Glu Ile Gln Leu Met His Asn Leu Gly Lys His Leu Ala  
1 5 10 15  
Ser Val Glu Arg Met Gln Trp Leu Arg Arg Lys Leu Gln Asp Met His  
20 25 30  
Asn Phe Val Ser Leu Gly Val Gln Met Ala Ala Arg Asp Gly Ser His  
35 40 45  
Gln Lys Pro Thr Lys Lys Glu Asn Val Leu Val Asp Gly Asn Pro  
50 55 60  
Lys Ser Leu Gly Glu Gly Asp Lys Ala Asp Val Asp Val Leu Val Lys  
65 70 75 80  
Ser Lys Ser Gln

<210> 4  
<211> 84  
<212> PRT  
<213> Bovine

<400> 4  
Ala Val Ser Glu Ile Gln Phe Met His Asn Leu Gly Lys His Leu Ser  
1 5 10 15  
Ser Met Glu Arg Val Glu Trp Leu Arg Lys Lys Leu Gln Asp Val His  
20 25 30  
Asn Phe Val Ala Leu Gly Ala Ser Ile Ala Tyr Arg Asp Gly Ser Ser  
35 40 45  
Gln Arg Pro Arg Lys Lys Glu Asp Asn Val Leu Val Glu Ser His Gln  
50 55 60  
Lys Ser Leu Gly Glu Ala Asp Lys Ala Asp Val Asp Val Leu Ile Lys  
65 70 75 80  
Ala Lys Pro Gln

<210> 5  
<211> 84  
<212> PRT  
<213> Canine

<400> 5  
Ser Val Ser Glu Ile Gln Phe Met His Asn Leu Gly Lys His Leu Ser  
1 5 10 15  
Ser Met Glu Arg Val Glu Trp Leu Arg Lys Lys Leu Gln Asp Val His  
20 25 30  
Asn Phe Val Ala Leu Gly Ala Pro Ile Ala His Arg Asp Gly Ser Ser  
35 40 45  
Gln Arg Pro Leu Lys Lys Glu Asp Asn Val Leu Val Glu Ser Tyr Gln  
50 55 60  
Lys Ser Leu Gly Glu Ala Asp Lys Ala Asp Val Asp Val Leu Thr Lys  
65 70 75 80  
Ala Lys Ser Gln

<210> 6  
<211> 84  
<212> PRT  
<213> Porcine

<400> 6  
Ser Val Ser Glu Ile Gln Phe Met His Asn Leu Gly Lys His Leu Ser  
1 5 10 15  
Ser Leu Glu Arg Val Glu Trp Leu Arg Lys Lys Leu Gln Asp Val His  
20 25 30  
Asn Phe Val Ala Leu Gly Ala Ser Ile Val His Arg Asp Gly Gly Ser  
35 40 45  
Gln Arg Pro Arg Lys Lys Glu Asp Asn Val Leu Val Glu Ser His Gln  
50 55 60  
Lys Ser Leu Gly Glu Ala Asp Lys Ala Ala Val Asp Val Leu Ile Lys  
65 70 75 80  
Ala Lys Pro Gln

<210> 7  
<211> 86  
<212> PRT  
<213> Horse

<220>  
<221> VARIANT  
<222> 67  
<223> Xaa = Any Amino Acid

<400> 7  
Lys Arg Ser Val Ser Glu Ile Gln Leu Met His Asn Leu Gly Lys His  
1 5 10 15  
Leu Asn Ser Val Glu Arg Val Glu Trp Leu Arg Lys Lys Leu Gln Asp  
20 25 30  
Val His Asn Phe Ile Ala Leu Gly Ala Pro Ile Phe His Arg Asp Gly  
35 40 45  
Gly Ser Gln Arg Pro Arg Lys Lys Glu Asp Asn Val Leu Ile Glu Ser  
50 55 60  
His Gln Xaa Ser Leu Gly Glu Ala Asp Lys Ala Asp Val Asp Val Leu  
65 70 75 80  
Ser Lys Thr Lys Ser Gln  
85